| Inde | x of | Claims |  |
|------|------|--------|--|
|      |      |        |  |

| Α | ppl | icati | on/C | ontro | ol No. |
|---|-----|-------|------|-------|--------|
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10/667,754 Examiner

Applicant(s)/Patent under Reexamination SONEHARA, KUNIYA

Art Unit

Alexander Markoff

1746

| <b>√</b> | Rejected |
|----------|----------|
| 1        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      | Date                |                 |          |          |          | [              | Claim Date                                       |                |                 |              |       |          |                 |          |          | ı         | Cli      | aim                | Date     |          |          |     |       |            |                 |          |                                     |          |                |                 |                 |          |          |
|--|----------|---------------------|-----------------|----------|----------|----------|----------------|--|----------------|-----------------|--------------|-------|----------|-----------------|----------|----------|-----------|----------|--------------------|----------|----------|----------|-----|-------|------------|-----------------|----------|-------------------------------------|----------|----------------|-----------------|-----------------|----------|----------|
|  | =        | ,                   |                 |          |          |          | Π              |  |                |                 |              |       | JE       |                 |          |          | П         |          |                    | П        |          |          | .   |       | =          |                 |          |                                     |          |                |                 |                 |          | $\Box$   |
| Final  | Original | 9/27/06             |                 |          |          |          |                |  |                |                 |              | Final | Original |                 |          |          |           | ĺ        |                    |          |          |          |     | Final | Original   |                 |          |                                     |          |                | l               |                 |          | . 1      |
| iĒ   | 🛒        | 9/2.                |                 |          |          |          |                |  |                |                 | 1            | ίĒ    | Çi       |                 |          | - 1      | i         |          |                    |          | ļ        |          |     | ᄩ     | ği         |                 |          |                                     |          |                |                 |                 | ı        |          |
|  |          |                     |                 |          |          |          | $oxed{oxed}$   |  |                | Ш               | l            |       |          | Ш               |          |          |           |          | $oldsymbol{\perp}$ |          |          |          |     |       |            |                 |          |                                     |          |                |                 |                 |          |          |
|  | 1        | 1                   |                 |          |          | L        |                | <u> </u>   | <u> </u>       | Ш               | į            |       | 51       |                 |          |          |           |          |                    |          |          |          |     |       | 101        |                 |          |                                     |          |                |                 |                 |          |          |
|  | 2        | 1                   |                 |          |          |          |                | L  |                |                 |              |       | 52       | Ш               |          | $\Box$   |           |          |                    | ┙        |          |          |     |       | 102        |                 |          | ŀ                                   |          |                |                 |                 |          |          |
|  | 3        | 1                   |                 |          |          | _        | _              | ┖  | ╙              | Ш               | ļ            |       | 53       | Ш               |          | _        |           |          |                    |          |          | _        |     |       | 103        |                 | <u> </u> | L                                   | L        |                |                 |                 |          |          |
|  | 4        | V                   | Ц               |          |          |          | _              | ╙  | <u> </u>       | Ш               |              |       | 54       | $\sqcup$        | $\dashv$ | _        | _         | _        | _                  | _        | _        | _        |     |       | 104        |                 | <u> </u> | L                                   | <u> </u> |                |                 | Ш               |          |          |
|  | 5        | 1                   | Щ               |          |          |          | ┖              | <b> </b>   | <u> </u>       |                 | ļ            |       | 55       | Ш               | _        | _        |           |          | _                  | $\dashv$ | _        |          |     |       | 105        |                 | _        | L                                   |          |                |                 | Ш               |          |          |
|  | 6        | 1                   | Ш               |          |          |          | _              | <u> </u>   | <u> </u>       | Ш               | -            |       | 56       | Н               | _        |          | _         |          |                    | -        | _        |          |     |       | 106        | _               | _        | _                                   |          |                |                 | Ш               |          | $\Box$   |
| <u> </u>   | 7        | _                   |                 |          |          | -        | -              | ₩  | ╄              | Н               | -            |       | 57       | Ш               |          |          | _         | _        | _                  | 4        |          | _        |     |       | 107        |                 | <u> </u> | _                                   | L.       | _              |                 |                 | _        | _        |
|  | 8        | $\vdash$            | $\vdash$        |          | Н        | _        | _              | ⊢  | ╄              | Ш               | .            |       | 58       | $\sqcup$        |          | 4        |           | _        |                    | -        | -        |          |     |       | 108        | <u> </u>        | _        | <u> </u>                            | L        |                | _               | $\Box$          | _        | _        |
|  | 9        | _                   | $\dashv$        |          |          | ⊢        | _              | ╀  | ╁              | Н               | }            |       | 59       | -               | -        |          | $\dashv$  |          | $\dashv$           | +        | -        |          |     |       | 109        | _               | <u> </u> | <u> </u>                            | _        |                |                 | $\dashv$        | _        |          |
|  | 10       | -                   | -               |          | Н        | ⊢        | ⊢              | -  | 1              | Н               | ŀ            |       | 60       | $\vdash$        |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$ | 4        | $\dashv$ |     |       | 110        | <u> </u>        | <u> </u> | -                                   | _        | ⊢              |                 | $\sqcup$        | 4        | 4        |
|  | 11<br>12 | H                   | $\vdash \vdash$ | _        | Н        | $\vdash$ | $\vdash$       | -  | +-             | $\vdash \vdash$ | -            |       | 61<br>62 | $\vdash$        | $\dashv$ | $\dashv$ |           |          | -                  | -        |          | $\dashv$ | }   |       | 111        | ⊢               | <u> </u> | Η.                                  | <u> </u> | <u> </u>       |                 | $\vdash \vdash$ | 4        | $\dashv$ |
|  | 13       | H                   | $\dashv$        |          | Н        | -        | $\vdash$       | $\vdash$   | $\vdash$       | $\vdash\dashv$  | ŀ            |       | 63       | $\vdash$        | $\dashv$ | +        | $\dashv$  |          |                    | $\dashv$ | $\dashv$ | $\dashv$ |     |       | 112        | <del> </del>    | $\vdash$ | $\vdash$                            | ├-       | ├—             |                 |                 | 4        |          |
|  | 14       | $\vdash$            | $\vdash$        |          | Н        | -        | ╁              | $\vdash$   | $\vdash$       | $\vdash \vdash$ | -            |       | 64       | $\vdash$        | -+       |          | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$ |          | $\dashv$ | 1   |       | 113<br>114 | $\vdash$        | <u> </u> | ⊢                                   | $\vdash$ | -              | H               | $\vdash \vdash$ | -        |          |
| <del>                                     </del> | 15       | $\vdash$            | $\vdash$        |          | H        | $\vdash$ | $\vdash$       | $\vdash$   | $\vdash$       | Н               | ŀ            |       | 65       | ╁╌┼             | -+       | $\dashv$ | $\dashv$  | $\dashv$ | -+                 | -+       | $\dashv$ |          | ł   |       | 115        |                 | ┝        | -                                   |          | $\vdash$       | $\vdash$        | $\vdash \vdash$ | -        | $\dashv$ |
| -  | 16       | Н                   | $\vdash$        |          | Н        | $\vdash$ | $\vdash$       | +-   | ├              | Н               | }            |       | 66       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$ | -+       | $\dashv$ | ł   |       | 116        | $\vdash$        | ├        | $\vdash$                            | $\vdash$ | ┝╌             | -               | $\vdash$        | $\dashv$ | $\dashv$ |
|  | 17       | H                   | $\vdash$        |          | H        | $\vdash$ | $\vdash$       | +-   | 1-             | H               | ŀ            |       | 67       | $\vdash$        | $\dashv$ | $\dashv$ |           | $\dashv$ | +                  | $\dashv$ | -        | -        | ŀ   |       | 117        | ├-              | $\vdash$ | $\vdash$                            | -        | -              | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ |
|  | 18       | $\vdash$            | $\dashv$        |          | H        | $\vdash$ | T              | 1-   | $\vdash$       | H               | ŀ            |       | 68       | H               | $\dashv$ | $\dashv$ | $\dashv$  | -        | -                  | $\dashv$ | $\dashv$ | $\dashv$ | ŀ   |       | 118        | $\vdash$        | $\vdash$ | $\vdash$                            | $\vdash$ | <del>  -</del> | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ |
|  | 19       |                     | $\dashv$        |          | Н        | $\vdash$ | $\vdash$       | 1  | $\vdash$       | Н               | ŀ            |       | 69       | Н               | $\dashv$ | $\dashv$ | -         | $\dashv$ | ┪                  | $\dashv$ | +        | -        | ŀ   |       | 119        | $\vdash$        |          |                                     |          | $\vdash$       |                 | $\vdash$        |          | $\dashv$ |
|  | 20       | П                   |                 |          |          |          | $\vdash$       | t  | <del>  -</del> |                 | ŀ            |       | 70       | Н               | $\dashv$ | $\dashv$ | +         | _        | _                  | 十        | +        | ᅥ        |     |       | 120        | $\vdash$        |          | -                                   | $\vdash$ | $\vdash$       |                 | $\dashv$        |          | $\dashv$ |
|  | 21       |                     | $\neg$          |          |          |          |                |  | 1              | П               | ľ            |       | 71       | Н               | 7        | 7        | 寸         | _        | 十                  | +        | 7        | $\dashv$ | ŀ   |       | 121        |                 | _        | _                                   |          |                |                 |                 |          | $\dashv$ |
|  | 22       | П                   | T               |          |          |          | T              | T  | T              |                 | ı            |       | 72       |                 | 寸        | 寸        | _         | $\neg$   | _                  | $\dashv$ | $\dashv$ | ╗        |     |       | 122        |                 | -        | ✝                                   |          |                |                 |                 | $\dashv$ | ᅱ        |
|  | 23       |                     |                 |          |          |          | T              | Г  | 1              |                 | Ì            |       | 73       | П               | 寸        | 寸        | 寸         |          | $\neg$             | 寸        | $\dashv$ | $\neg$   | Ì   |       | 123        |                 |          | 1                                   |          |                |                 | $\dashv$        | ᅥ        | $\dashv$ |
|  | 24       |                     |                 |          |          |          |                |  |                |                 | ľ            |       | 74       | П               | T        | ヿ        | $\neg$    |          | 寸                  | 寸        | 寸        | ┪        | Ì   |       | 124        |                 |          |                                     |          |                | Н               |                 | ᅵ        | $\dashv$ |
|  | 25       |                     |                 |          |          |          |                |  |                |                 |              |       | 75       |                 | $\neg$   | $\neg$   | $\exists$ | ヿ        | 一                  | $\neg$   | $\neg$   |          | Ì   |       | 125        |                 |          |                                     |          |                |                 |                 | $\dashv$ | $\neg$   |
|  | 26       |                     |                 |          |          |          | Ì              | Ī  |                |                 | ſ            |       | 76       | П               | T        | T        | 寸         | $\neg$   | 一                  | $\neg$   |          | $\neg$   | 1   |       | 126        |                 |          |                                     |          | _              | П               |                 | 一        | $\neg$   |
|  | 27       |                     |                 |          |          |          |                |  |                |                 | Ī            |       | 77       | П               |          | $\neg$   |           |          | T                  | T        |          |          | ı   |       | 127        |                 |          |                                     |          |                |                 | $\Box$          |          | $\neg$   |
|  | 28       |                     |                 |          |          |          |                |  |                |                 |              |       | 78       | П               |          |          |           | T        |                    | $\neg$   |          | $\neg$   | Ī   |       | 128        |                 |          |                                     |          |                |                 |                 | 一        |          |
|  | 29       |                     |                 |          |          |          |                |  |                |                 |              |       | 79       |                 | $\Box$   |          |           |          |                    |          |          |          |     |       | 129        |                 |          |                                     |          |                |                 |                 | 乛        | П        |
|  | 30       |                     | $\Box$          |          |          |          |                |  |                |                 |              |       | 80       |                 |          |          |           |          |                    |          |          |          | [   |       | 130        |                 |          |                                     |          |                |                 |                 | $\neg$   | П        |
|  | 31       |                     |                 |          |          |          |                |  | L              |                 |              |       | 81       |                 |          |          |           |          |                    |          |          |          | [   |       | 131        |                 |          |                                     |          |                |                 |                 |          | $\neg$   |
|  | 32       | Ш                   | _               |          |          |          |                | <u></u>  | L              | Ш               | Ļ            |       | 82       | Ш               |          |          | $\sqcup$  |          |                    |          |          |          |     |       | 132        |                 |          |                                     |          |                |                 |                 |          |          |
|  | 33       |                     | $\dashv$        | _        |          |          | _              |  | L              |                 | L            |       | 83       |                 | _        |          | _         |          | _                  | _        | ┙        | $\Box$   | Į   |       | 133        |                 |          |                                     |          |                |                 |                 |          |          |
|  | 34       | $\sqcup$            | _               | _        |          |          | _              | <b> </b> _                                       | <u> </u> _     | Ш               | L            |       | 84       | Ш               | _        | 4        | _         | _        | _                  | _ .      | 4        | ᆜ        | L   |       | 134        | Ш               |          | L                                   | Ш        |                |                 | _               |          |          |
|  | 35       | $\sqcup$            | _               | _        |          |          | <del> </del> _ | <u> </u>   | <u> </u>       |                 | ļ            |       | 85       | Щ               | $\dashv$ | _        | 4         | _        | $\dashv$           | _        | 4        | _        | 1   |       | 135        | Щ               |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ        |                | Ш               | _               |          | ᆜ        |
|  | 36       | $\vdash \vdash$     | $\dashv$        | -        | _        |          |                | <u> </u>   | $\vdash$       | Ш               | 1            |       | 86       | $\vdash \vdash$ |          | -        | $\dashv$  |          | _                  | $\dashv$ | _        | _        | ļ   |       | 136        | Щ               |          | $\vdash$                            | Щ        | Щ              | Ш               | _               | 4        | ᅬ        |
|  | 37       | $\vdash \vdash$     | -               | 4        |          |          | <u> </u>       | -  | -              |                 | -            |       | 87       | $\sqcup$        | $\dashv$ | $\dashv$ | 4         | _        | $\dashv$           | -        | _        | 4        | ļ   |       | 137        | Щ               |          | Ш                                   | <u> </u> |                | <u> </u>        | _               | _        | _        |
| -  | 38       | $\vdash \downarrow$ | $\dashv$        | $\dashv$ |          |          | <u> </u>       | <u> </u>   | $\vdash$       | $\sqcup$        | ŀ            |       | 88       | ${oxed}$        | -        | $\dashv$ | -         |          | -                  | $\dashv$ | 4        | 4        | -   |       | 138        | Щ               |          | <u> </u>                            | Щ        | _              | $\vdash \vdash$ | _               | _        | ᅴ        |
|  | 39       | $\dashv$            | $\dashv$        |          |          |          | ├              | <b>├</b>   | $\vdash$       | Щ               | }            |       | 89       | $\vdash \vdash$ | $\dashv$ | -        |           |          | $\dashv$           | +        | $\dashv$ | 4        | -   |       | 139        | Ш               |          | _                                   | Щ        |                | $\sqcup$        | _               | 4        | ᅴ        |
|  | 40       | $\vdash \vdash$     |                 |          | -        |          | ├              | ├-   | $\vdash$       | Щ               | -            |       | 90       | $\vdash$        | +        |          |           |          | +                  | -        | 4        | ᅴ        | -   |       | 140        | Н               |          |                                     | $\vdash$ |                |                 | 4               |          | 4        |
| -  | 41<br>42 | $\vdash$            | $\dashv$        |          |          | _        | <u> </u>       | 1  | $\vdash$       | _               | -            |       | 91<br>92 | $\vdash \vdash$ | +        | $\dashv$ | -+        | -        | $\dashv$           | +        | $\dashv$ | $\dashv$ | -   |       | 141        | $\vdash$        |          | <u> </u>                            | ш        | $\vdash$       | $\vdash$        |                 | -        | $\dashv$ |
|  | 43       | $\vdash$            | $\dashv$        | $\dashv$ | $\dashv$ | -        | -              | Н  |                | $\dashv$        | H            |       | 93       | $\vdash$        | +        | -+       | +         | $\dashv$ | $\dashv$           | -+       | +        | $\dashv$ | }   | }     | 142        | $\vdash \vdash$ | _        | $\vdash$                            | Н        | -              | $\vdash$        | $\dashv$        | +        | $\dashv$ |
|  | 43       | $\dashv$            | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -              | ├-   | Н              | $\dashv$        | -            |       | 94       | $\vdash$        | $\dashv$ | +        | $\dashv$  | -+       | $\dashv$           | +        |          | $\dashv$ | ŀ   |       | 143<br>144 | $\vdash \dashv$ | -        |                                     | $\vdash$ | $\dashv$       | $\vdash$        |                 |          |          |
|  | 45       | $\vdash$            | $\dashv$        | $\dashv$ | $\dashv$ |          | ┢╾             | $\vdash$   | Н              | $\dashv$        | H            | -     | 95       | $\vdash$        | $\dashv$ | +        | +         | -+       | $\dashv$           | +        | $\dashv$ | $\dashv$ | }   |       | 144        | $\vdash$        | -        | -                                   | $\vdash$ | -              | -               | $\dashv$        | -        | $\dashv$ |
|  | 46       |                     | -               | $\dashv$ | $\dashv$ |          | Н              | -  | Н              | $\dashv$        | ŀ            |       | 96       | $\vdash$        | $\dashv$ | +        | $\dashv$  | $\dashv$ | +                  | $\dashv$ | $\dashv$ | $\dashv$ | - } |       | 146        |                 | $\dashv$ |                                     | $\vdash$ | $\dashv$       |                 | $\dashv$        | $\dashv$ | $\dashv$ |
|  | 47       | $\dashv$            | 十               | $\dashv$ | $\dashv$ |          | $\vdash$       |  | Н              | $\dashv$        | <b>-</b>     |       | 97       | $\vdash$        | $\dashv$ | +        | +         | $\dashv$ | +                  | $\dashv$ | ┰        | $\dashv$ | -   | -     | 147        | $\vdash$        | $\neg$   |                                     | $\vdash$ | $\dashv$       |                 | ┪               | $\dashv$ | ᅱ        |
|  | 48       |                     | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ |                | <del>                                     </del> | Н              | $\dashv$        | _ <b> </b> - |       | 98       | $\vdash$        | $\dashv$ | 十        | $\dashv$  | $\dashv$ | -+                 | +        | $\dashv$ | $\dashv$ | }   |       | 148        |                 |          | Н                                   | $\vdash$ | -              | -               | $\dashv$        | ┥        | 一        |
|  | 49       | $\vdash$            | $\dashv$        | $\dashv$ | $\dashv$ |          | Н              | $\vdash$   | Н              | $\dashv$        | H            |       | 99       | $\vdash$        | +        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$           | +        | $\dashv$ | $\dashv$ | ŀ   |       | 149        |                 | -        | H                                   | -        |                | $\dashv$        | $\dashv$        | $\dashv$ | $\dashv$ |
|  | 50       | $\dashv$            | 十               | 寸        | 寸        |          | Т              | T  | Н              | $\dashv$        | F            |       | 100      | $\vdash$        | +        | +        | $\dashv$  | +        | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$ | ŀ   |       | 150        | -               | $\dashv$ |                                     |          |                | $\dashv$        | +               | $\dashv$ | 一        |
|  | <u> </u> |                     | L               |          |          |          | Щ.             | <u> </u>   | ئـــا          |                 | L            |       | , 50     |                 |          |          |           |          |                    |          |          |          | L   |       | 130        |                 |          | $\Box$                              |          | J              | i               |                 |          |          |